

Rabbit anti-Human Cytochrome P450 2A6 Polyclonal Antibody | anti-CYP2A6 antibody

Rabbit anti-Cytochrome P450 2A6 Antibody

CATALOG # AAA219904	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

Cytochrome P450 2A6; Polyclonal Antibody; Rabbit anti-Cytochrome P450 2A6 Antibody; CYP2A3; 1; 4-cineole 2-exo-monooxygenase; CYP1IA6; Coumarin 7-hydroxylase; Cytochrome P450 IIA3; Cytochrome P450(I); anti-CYP2A6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CYP2A6 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Cytochrome P450 2A6. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Cytochrome P450 2A6 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of Cytochrome P450 2A6 expression in HeLa (A), Jurkat (B), MCF7 (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CYP2A6 antibody	Primary antibodies
--	--------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	189339233
NCBI GeneID	1548

NCBI Accession #	NP_000753.3
NCBI GenBank Nucleotide #	NM_000762.5
UniProt Accession #	P11509 ; P00190 ; P10890 ; Q16803 ; Q4VAT9 ; Q4VAU0 ; Q4VAU1 ; Q9H1Z7 ; Q9UCU0 ; Q9UK48 ; A7YAE5 ; B2R7F6
Molecular Weight	56,501 Da
NCBI Official Full Name	cytochrome P450 2A6
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily A, polypeptide 6
NCBI Official Symbol	CYP2A6
NCBI Official Synonym Symbols	CPA6; CYP2A; CYP2A3; P450PB; CYP1IA6; P450C2A
NCBI Protein Information	cytochrome P450 2A6; cytochrome P450(I); cytochrome P450 IIA3; coumarin 7-hydroxylase; xenobiotic monooxygenase; 1,4-cineole 2-exo-monooxygenase; flavoprotein-linked monooxygenase; cytochrome P450, subfamily IIA (phenobarbital-inducible), polypeptide 6
UniProt Protein Name	Cytochrome P450 2A6
UniProt Gene Name	CYP2A6
UniProt Synonym Gene Names	CYP2A3
UniProt Entry Name	CP2A6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-p450-2a6-antibody-immunochemistry-immunofluorescence-western-blot-elisa/219904>